

## CONTENTS VOLUME 141

### Issue 1

#### HUMAN ANIMAL MYCOLOGY

- Factors influencing the expression *in vitro* of *Candida albicans* stress mannoproteins reactive with salivary secretory IgA – V. Vidotto, L. Polonelli, S. Conti, J. Pontón & I. Vieta 1–6
- Yeasts in the gastrointestinal tract of preweaned calves and possible involvement of *Candida glabrata* in neonatal calf diarrhea – D. Elad, J. Brenner, A. Markovics, B. Yakobson, S. Shlomovitz & J. Basan 7–14
- Immunohistochemical detection for *Actinomyces* sp. in swine tonsillar abscess and granulomatous mastitis – Satoshi Murakami, Ryozo Azuma, Tetuo Koeda, Hiroaki Oome, Tadao Watanabe & Hiroshi Fuliwara 15–19

#### PLANT MYCOLOGY AND CROP PROTECTION

- Fungal pathogens of *Euphorbia heterophylla* and *E. hirta* in Brazil and their potential as weed biocontrol agents – Robert W. Barreto & Harry C. Evans 21–36

#### MYCOTOXICOSES AND MYCOTOXINS

- Mycoflora and naturally occurring mycotoxins in poultry feeds in Argentina – A. Dalcero, C. Magnoli, M. Luna, G. Ancasi, M.M. Reynoso, S. Chiacchiera, R. Mazzio & G. Palacio 37–43
- In vivo* effects of fumonisins B<sub>1</sub>-producing and fumonisins B<sub>1</sub>-nonproducing *Fusarium moniliforme* isolates are similar: Fumonisins B<sub>2</sub> and B<sub>3</sub> cause hepato- and nephrotoxicity in rats – Kenneth A. Voss, Ronald D. Plattner, Ronald T. Riley, Filmore I. Meredith & William P. Norred 45–58

### Issue 2

#### HUMAN AND ANIMAL MYCOLOGY

- Regulation of superoxide dismutase synthesis in *Candida albicans* – Uma Gunasekaran, Ruipang Yang & Muthukumaran Gunasekaran 59–63
- Fungemia in cancer patients in Brazil: Predominance of non-albicans species – Marcio Nucci, Maria Isabel Silveira, Nelson Spector, Fernanda Silveira, Eduardo Velasco, Carlos Alberto Martins, Andrea Derossi, Arnaldo L. Colombo & Wolmar Pulcheri 65–68
- Lymphangitic sporotrichosis: An uncommon bilateral localization – Jane Tomimori-Yamashita, Carla H. Takahashi, Olga Fischman, Enilde B. Costa, Nilceo S. Michalany & Mauricio M.A. Alchorne 69–71
- In vitro* activity of a new triazole antifungal agent, Sch 56592, against clinical isolates of filamentous fungi – F. Marco, M.A. Pfaller, S.A. Messer & R.N. Jones 73–77
- Study of pulmonary experimental paracoccidioidomycosis by analysis of bronchoalveolar lavage cells: Resistant vs. susceptible mice – Fátima Vilani-Moreno, Denise Fecchio, Maria Cristina Iwama de Mattos, Maura Moscardi-Bacchi, Júlio Defaveri & Marcello Franco 79–91

Effect of cadmium on growth of potentially pathogenic soil fungi – G. Plaza, W. Łukasik & K. Ułfig	93–100
Identification of a DNA fragment encoding a putative membrane transporter protein expressed in <i>Sporothrix schenckii</i> – Yasuyuki Sugita, Jun Fukushima, Mari Murakami, Ikuyo Takahashi & Hiroshi Nakajima	101–104
Activity of hydrolytic enzymes of <i>Candida albicans</i> strains isolated from patients with periodontal and membrane mucosae of oral cavity diseases – Anna J. Kurnatowska	105–109

#### ENTOMOPATHOGENIC FUNGI

Mycoflora of cave cricket <i>Troglophilus neglectus</i> cadavers – Nina Gunde-Cimerman, Polona Zalar & Sonja Jeram	111–114
--	---------

#### *Issue 3*

#### HUMAN AND ANIMAL MYCOLOGY

Antimicrobial susceptibilities of strains of <i>Nocardia brasiliensis</i> isolated from soil of Tucumán – Aida Amelia van Gelderen de Komaid & Estela Liliana Durán	115–121
Cutaneous Pythiosis insidiosi in calves from the Pantanal region of Brazil – Janio Morais Santurio, Adriana Bardemaker Monteiro, Alexandre Trindade Leal, Gláucia Denise Kommers, Renato Silva de Sousa & João Batista Catto	123–125
Isolation of a petite mutant from a histidine auxotroph of <i>Candida albicans</i> and its characterization – Z. Roth-Ben Arié, Z. Altbourn, I. Berdichevsky & E. Segal	127–135
Monoclonal antibodies directed against extracellular matrix proteins reduce the adherence of <i>Candida albicans</i> to HEp-2 cells – Gary Cotter, Roisin Weedle & Kevin Kavanagh	137–142
A preliminary study of the occurrence of actidione-resistant fungi in sediments of Catalonian river mouths (Spain). I. Keratinolytic fungi and related Onygenales – K. Ułfig, J. Guarro, J. Cano, J. Gené, P. Vidal, M.J. Figueras & W. Łukasik	143–151
Experimental penetration of <i>Trichophyton mentagrophytes</i> into human stratum corneum – Junya Ninomiya, Mayumi Ide, Yayoi Ito & Iwao Takiuchi	153–157

#### PLANT MYCOLOGY AND CROP PROTECTION

Induction of fungal disease resistance in <i>Vicia faba</i> by dual inoculation with <i>Rhizobium leguminosarum</i> and vesicular-arbuscular mycorrhizal fungi – G.H. Rabie	159–166
Volume contents	167–168
List of contributors	169

